Foreword

How Forecasts Are Made

Most of the annual streamflow in the Western United States originates as snowfall. This snowfall accumulates high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are viewed in conjunction with snowpack data to prepare runoff forecasts. This report presents a comprehensive picture of water supply outlook conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data and narratives describing current conditions.

Streamflow forecasts are cooperatively generated by Soil Conservation Service and National Weather Service hydrologists. Forecasts become more accurate as more data affecting runoff becomes known. For this reason, forecasts are issued that reflect three future precipitation conditions — Below Normal, Average, and Above Normal. These forecasts are termed reasonable minimum, most probable, and reasonable maximum. Actual streamflow can be expected to fall between the lower and upper forecast values eight out of ten years.

Snowpack data are obtained by using a combination of manual and automated measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation, temperature, and other parameters are monitored on a daily basis and transmitted via radio telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

For More Information

Copies of Monthly Water Supply Outlook Reports and other reports may be obtained from the states listed below. Because of the limited space, snow survey measurements are not published in monthly reports. An annual snow survey data summary is published by the Soil Conservation Service for each of the western states. Historical snow survey data may be obtained at those same offices.

STATE	ADDRESS
Alaska	201 East 9th Ave., Suite 300, Anchorage, AK 99501-3687
Arlzona	201 East Indianola, Sulte 200, Phoenix, AZ 85012
Colorado	2490 West 26th Ave., Denver, CO 80211
New Mexico	517 Gold Ave. S.W., Room 3301, Albuquerque, NM 97102
ldaho	304 North 8th Street, Room 345, Bolse, ID 83702
Montana	10 East Babcock, Room 443, Federal Building, Bozeman, MT 59715
Nevada	1201 Terminal Way, Room 219, Reno, NV 89502
Oregon	1220 Southwest 3rd Ave., Room 1640, Portland, OR 97208
Utah	4402 Federal Building, 125 South State Street, Salt Lake City, UT 84147
Washington	360 U.S. Court House, Spokane, WA 99201
WyomIng	Federal Building, 100 East "B" Street, Casper, WY 82601

In addition to state reports, a Water Supply Outlook for the Western United States is published by the Soil Conservation Service and National Weather Service monthly, January through May. Reports may be obtained from the Soil Conservation Service, West National Technical Center, 511 Northwest Broadway, Room 547, Portland, OR 97209.

Published by other agencies:

Water Supply Outlook Reports prepared by other agencles Include: California — Snow Survey Branch, California Department of Water Resources, P.O. Box 388, Sacramento, CA 95802; British Columbia — The Ministry of Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia, V8V 1X5; Yukon Territory — Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory, Y1A 3V1; Alberta, Environment Technical Services Division, 9820 106th St., Edmonton, Alberta T5K 2J6.

Utah Water Supply Outlook

and

Federal – State – Private Cooperative Snow Surveys

issued by

Wilson Scaling Chief Soil Conservation Service Washington, D. C.

Released by

Francis T. Holt State Conservationist Soil Conservation Service Salt Lake City, Utah

In cooperation with

Utah State Department of Natural Resources
Robert L. Morgan D. Larry Anderson
State Engineer Director
Division of Water Rights Division of Water Resources

Prepared by

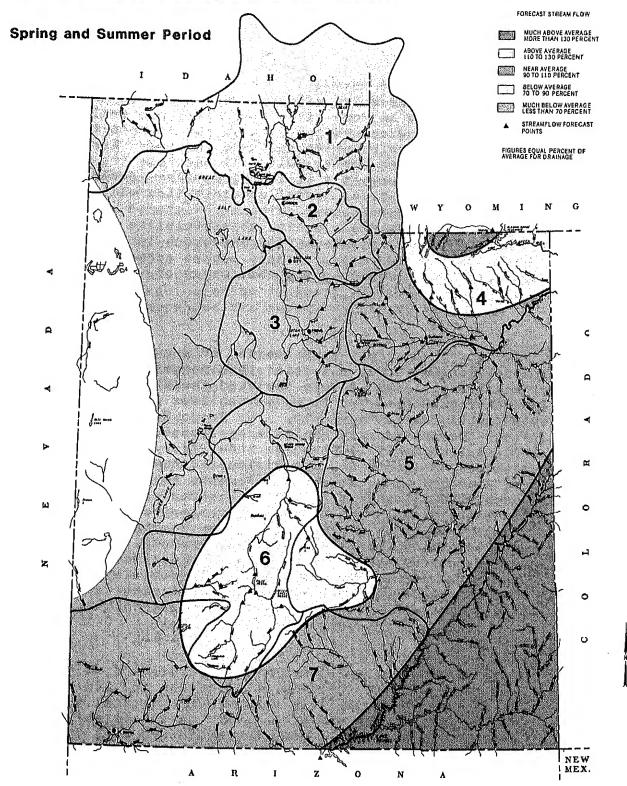
Jon G. Werner
Snow Survey Supervisor
Soil Conservation Service
125 So. State St., Fed. Bldg.
P. O. Box 11350
Salt Lake City, Utah 84147

Programs and assistance of the United States Department of Agriculture are available without regard to race, creed, color, sex, age, or national origin.

TABLE OF CONTENTS

STATE STREAMFLOW PROSPECTS MAP
STATE GENERAL OUTLOOK
BASIN OUTLOOK AND CONDITIONS
BEAR RIVER BASIN 4
WEBER & OGDEN WATERSHEDS 6
UTAH LAKE, JORDAN RIVER & TOOELE VALLEY 8
UINTAH BASIN & DAGGET SCD's 10
CARBON, EMERY, WAYNE, GRAND & SAN JUAN CO 12
SEVIER & BEAVER RIVER BASINS 14
E. GARFIELD, KANE, WASHINGTON & IRON CO 16
SNOW MEASUREMENT DATA 18
SNOWPACK PROGRESS GRAPH 21
1987 SNOWPACK COMPARISON

Streamflow Prospects for Utah



BEAR RIVER BASIN

WEBER & OGDEN WATERSHEDS IN UTAH

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY

UINTAH BASIN & DAGGET SCD'S CARBON, EMERY, WAYNE, GRAND & SAN JUAN CO. 5

SEVIER & BEAVER RIVER BASINS

E. GARFIELD, KANE, WASHINGTON & IRON CO.

GENERAL OUTLOOK

SUMMARY:

Much warmer and drier weather than normal in April produced melt on some sites nearly a month earlier than usual and caused the loss of two to more than four times more water to melt than normal. Earlier and heavier than normal melt will compress the runoff season and reduce late season streamflow levels. Persistence of below normal precipitation will necessitate an increased reliance on stored water. Water shortages are expected to materialize in areas relying on natural streamflow and areas lacking adequate stored water. Timely, above normal precipitation could reduce the impact of impending shortfalls.

SNOWPACK:

Earlier than normal commencement of snowmelt in addition to warmer and drier than normal weather conditions in April have depleted the snowpack in Utah from almost two to more than four times as much as usual during the month. The Provo River-Utah Lake-Jordan River watershed experienced the greatest April 1 to May 1 decrease in snow water content on record. One month ago the statewide snowpack was 77% of average. Snow water measurements taken the last week of April were only 45% of average -- a drop of 32% from the previous month. Area by area percentages range from 0% on the Enterprise-New Harmony drainages to 114% on the Escalante River watershed. average snowpack in addition to the Escalante River drainage was measured on the La Sal Mountains and on Sheep Creek (north slope Uintas). All other areas of the State have below average snow water content,

PRECIPITATION:

April precipitation at mountain and valley stations was generally much below average across the State. In northern Utah April is normally the wettest month of the year. This April, however, an extensive area east of the Great Salt Lake and southward over Utah Lake received less than 20% of normal. Some stations reported the lowest April amounts ever recorded dating back to the early 1900's (Deer Creek Dam-3%, Echo Dam-4% and Morgan-5%). Elsewhere in northern Utah precipitation amounts were generally 10 to 40% of average. April precipitation in southern Utah was generally 30 to 60% and eastern Utah was 40 to 80% of normal. October through April precipitation is

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generally 45-75% of normal in the North, 60 to 85% in the South and near normal over eastern areas of the State.

RESERVOIRS:

Twenty-six key irrigation reservoirs in Utah are holding 88% of their accumulated useable capacity which is 117% of average for the end of April. About half of the reservoirs sampled have more than 95% of their useable capacity filled. Record warm temperatures in April resulted in much earlier than normal demand for irrigation releases. On Strawberry Reservoir, for example, this was only the second year in the last 27 that it has been necessary to start releases in April. Additionally, the warm weather produced greatly increased snow melt in April which will reduce late season flows and further increase the demand for stored water. Much below average precipitation in April also increased demand for and decreased the supply of stored water.

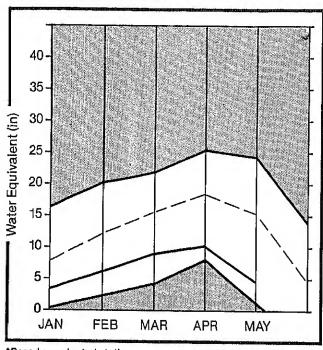
STREAMFLOW:

The abnormally warm and dry weather experienced in April has had and will continue to have an impact on the runoff timing and volume this year. Early and rapid snow melt will lead to early runoff peaks but low late-season flows. With numerous precipitation stations in northern Utah reporting seasonal accumulations in the bottom 10% of their record, there may be some reason for concern if dry conditions persist. The majority of "most probable" forecasts across the State now range from 30 to 70% of average assuming normal precipitation through the forecast period. If below normal precipitation persists, observed flows may more nearly approximate the "reasonable minimum" forecasts presented in this report. If "reasonable minimum" flows materialize, unforeseen water shortages may also materialize, especially in areas where stored water is unavailable.

Forecasts prepared for this bulletin represent cooperative efforts of the Soil Conservation Service and the National Weather Service in an effort to provide the best possible service to water users and managers.

Bear River Basin

Mountain snowpack* (inches)



*Based on selected stations

Maximum	 Average	
Minimum	Current	7,000

WATER SUPPLY OUTLOOK:

Snow surveys taken the last week in April on the Bear River watershed reveal the effects of the record warm temperatures and low precipitation experienced during the month. Snowpack over the entire drainage is only 28% of normal. The amount of snow water lost to melt was more than twice as great as usual this April. Forecasts of spring and summer streamflow now range from 27 to 63% of average assuming normal precipitation during the remainder of the forecast period. Reservoir storage is above average.

For more information contact your local Soil Conservation Service Office:
Tremonton Field Office 801-257-5403
Logan Field Office 801-753-5616

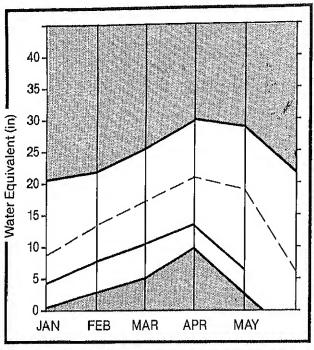
BEAR RIVER BASIN

FORECAST POINT		25 YR. AVG.	MOST PROBABLE	MOST PROBABLE	REAS. MAX.	REAS. RE	EAS. IN.	REAS. MIN.		
BEAR RIVER near UT-WY Stateline	MAY-JUL	105.0	86.0	63	81.0	77	54.0	51		
BEAR near Woodruff	MAY-JUL	126.0	60.0	48	97.0	77	36,0	29		
WOODRUFF CREEK near Woodruff	MAY~JUL	15.1	6.8	45	10.0	66	4.0	26		
BIG CREEK near Randolph	APR-JUL	5,3	3(0	57	6.0	113	0.8	15		
BEAR near Randolph	MAY~JUL	95.0	3940	41	83.0	87	10.0	11		
THOMAS FORK near Stateline	APR-SEP	37.0	10.0	27	17.0	46	4.0	11		
SMITHS FORK near Border	APR-SEP	122.0	50.0	41	75.0	61	35.0	29		
BEAR RIVER near Harer	APR-SEP	326.0	93.0	29	155.0	48	38.0	12		
LOGAN RIVER near Logan	MAY-JUL	107.0	6010	56	75.0	70	46.0	43		
BLACKSMITH FORK near Hyrum	MAY-JUL	38,0	14,1	37	27.0	71	3.0	8		
LITTLE BEAR RIVER near Paradise	MUL-YAM	29.0	10.7	37	21.0	72	3.0	10		
CUB RIVER near Preston	HAY-JUL	42.9	15,0	37 (1)	31.0	72	5.0	12		
RESERVOI	R STORAGE	(WATERSHED				
		×× USEA					ю.	THIS	YEAR	AS % OF
RESERVOIR	CAPACITY I	THIS YEAR		AVG. I	HATERSHED		COUR!			AVERAGE
BEAR LAKE		1118.7	1123,8	059.0	BEAR RIVER	, UPPER IN U	TAH 6	31		42
HYRUH	15.3	15/4	11,2	13.2	BEAR RIVER	R, LOWER IN UT	TAH B	19		25
PORCUPINE	11.3	11:3	11.8	9,5	BEAR RIVER	R DRAINAGE IN	UT 13	24		32
HOODRUFF NARROWS	55.8	57.8			BEAR RIVER	t, UPPER (abov	ve 12	25		38
HOODRUFF CREEK	•	NO REPOR	ıτ		BEAR RIVER	, LOWER (belo	ow 11	14		19
					BEAR RIVE	R DRAINAGE	21	20	1	27
					LOGAN RIV	ER	5	17		24
					RAFT RIVE	2	0	6		. 0
					BEAR RIVE	R BASIN	23	21		28)

 ^{1 -} Reas. max. and reas. min. forecasts are for 5% and 95% exceedance levels and also (2) below,
 2 - Corrected for upstream diversions or changes in reservoir storage.
 The average is computed for the 1961-85 base period.

Weber & Ogden Watersheds

Mountain snowpack* (inches)



*Based on selected stations

Maximum Average ----Minimum Current ------

WATER SUPPLY OUTLOOK:

April snowmelt was more than twice normal as a result of record warm temperatures and below average precipitation. High temperatures and low precipitation coupled with an already low snowpack have produced a May 1 snowpack with only 35% as much water content as usual. Streamflow forecasts for the May-June period fell an average of 11% from levels forecast last month as a result of below normal April precipitation. All reservoirs have above average water in storage except Pineview which will not fill.

For more information contact your local Soil Conservation Service Office:
Layton Sub Office 801-544-9144

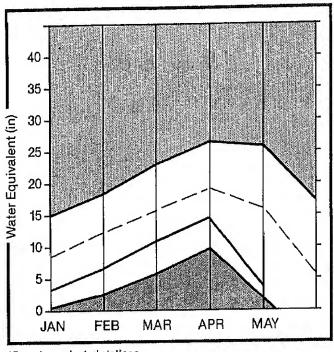
WEBER & OGDEN WATERSHEDS in Utah

FORECAST POINT	FORECAST PERIOD	25 YR. AVG.	MOST PROBABLE	MOST PROBABLE		REAS. R	EAS. IN. 1000AF)	REAS. HIN. (% AVG.)
WEBER RIVER near Oakley	MUL-YAM	93.0	71.0	, 76	86.0	92	57.0	61
ROCKPORT RESERVOIR inflow	MUL-YAM	102.0	68.0	67	92.0	90	46.0	45
CHALK CREEK near Coalville	MUL-YAM	34.0	25.0	74	35.0	103	17.0	50
WEBER RIVER near Coalville	MUL-YAM	105.0	69,0	66	93.0	89	46.0	44
LOST CREEK near Croyden	MAY-JUN	11.2	516	50	9.0	80	2.0	18
EAST CANYON CREEK near Morgan	MAY-JUN	19,0	11,0	58	18.0	95	7.0	37
HARDSCRABBLE CREEK near Porterville	APR-JUN	18,4	12.0	65	19.0	103	5.0	27
SOUTH FORK OGDEN RIVER near Huntsvil	MAY-JUN	43.0	25.0	58	37.0	86	15,0	35
PINEVIEW RESERVOIR inflow	MAY-JUN	74.0	30.0	41	45.0	61	17.0	23
WHEELER CREEK near Huntsville	APR-JUL	6.5	3,8	50	5.0	77	3.0	46
ECHO RESERVOIR inflow	NUL-YAM	128.0	85.0	66	114.0	89	57.0	45
MEBER RIVER at Gateway	APR-JUN	328.0	225.0	69	287.0	88	163.0	50
FARMINGTON CREEK near Farmington	MAY-JUL	6.7	4.2	63	7.0	104	2.0	30
RESERVOIR				1		HATERSHED		
RESERVOIR	USEABLE 1	XX USEA	ABLE STORAG		WATERSHED		NO.	
		YEAR	YEAR	AVG. I	M 144 600 404 405 104 404 404 404 104 104 104			
CAUSEY	619	7.1	2,9	2,6	OGDEN RIVE	R	4	
EAST CANYON	48.1	44.1	40.2	41/5	WEBER RIVE	R	15	27 36
ЕСНО	73.9	70.7	24.9	5412	WEBER & OG	DEN WATERSHE	DS 19	26 35
LOST CREEK	20.0	19.0	1412	14.3				
PINEVIEW	110.1	67.7	78,6	76,6				
ROCKPORT	60.9	45.1	24/1	3618				140
HILLARD BAY	165.5	165.1	160.1	139.7		1		

^{1 -} Reas. max. and reas. min. forecasts are for 5% and 95% exceedance levels and also (2) below. 2 - Corrected for upstream diversions or changes in reservoir storage. The average is computed for the 1961-85 base period.

Utah Lake, Jordan River & Tooele Valley





*Based on selected stations

Maximum	Average	
Minimum	Current	

WATER SUPPLY OUTLOOK:

During an average April the Provo R.-Utah Lake-Jordan R. watershed only loses 3.1 inches of snow water to melt. This April the watershed lost 10.7 inches--almost three and one-half times normal April melt. The abnormally high melt combined with below normal April 1 snowpack have left May 1 snowpack at only 27% of normal. Streamflow forecasts, down an average of 15% from last month, now range from 40 to 86% of average. Reservoir storage is above average.

For more information contact your local Soil Conservation Service Office: Midvale Field Office 801-524-4373 Provo Field Office 801-377-5580

UTAH LAKE, JORDAN RIVER & TOBELE VALLEY

STREAMFLOW FORECASTS

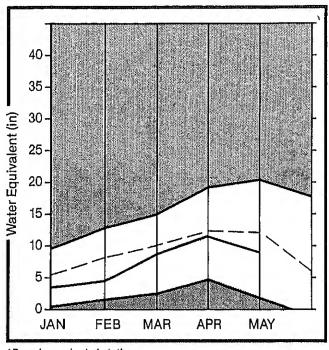
FORECAST POINT	FORECAST PERIOD	AVG.	MOST PROBABLE	MOST PROBABLE		REAS. MAX.	REAS. MIN.	REAS. MIN.	
PROVO near Hailstone	MAY+JUL	100.0	52.0	52	71.0	71	35.0	35	
ROVO below Deer Creek Dam	HAY-JUL		56.0		82.0		30.0	28	
MERICAN FORK near American Fk.	MAY-JUL	30.0	20.0	67	24.0	80	17.0	57	
HOBBLE CREEK near Springville	MAY-JUL	16.8	6.7	40	a magaza				
STRAWBERRY RESERVOIR inflow	APR-JUL	60.0	26.0	43	37.0	62	15.0	25	
PAYSON CREEK near Payson	MAY-JUL	5.8	3,1	53	A COLOR OF THE COL				
JTAH LAKE inflow	HAY-JUL	211.0	140.0	66	205.0	97	75.0	36	
ITTLE COTTONWOOD CRK near SLC	HAY-JUL	38.0	26.0	68	29.0	76	24.0	63	
BIG COTTONWOOD CRK near SLC	MAY-JUL	35.0	26.0	74	29.0	83	22.0	63	
PARLEY'S CEEK mear SLC	MAY-JUL	13.0	6.0	46	10.0	77	2.0	15	
MILL CREEK near SLC	HAY-JUL	5.9	3.6	61	4,0	48	3.0	51	
EMIGRATION CREEK near SLC	MAY-JUL	3.2	1,3	41					
CITY CREEK near SLC	MAY-JUL	7,8	3.8	49	5.0	64	3.0	38	
SETTLEMENT CREEK near Tooele	MAY-JUL	2.1	1.8	86	3.0	143	1.0	48	
SOUTH WILLOW CREEK near Grantsville	MAY-JUL	2.7	1.6	59	3,0	111	0.0	0	
VERNON CREEK near Vernon	MUL-YAM	0.8	0.4	50	0,8	96	0.1	13	
					ست مصد تعدل عبدن عبدن الدن عبدن فعد المدر عبدن			g upp, per vels ges John dop lake land that they does the star	a pag ago ago ago ago ago ago ago ago ago a
RESERVOIR	STORAGE	(1000AF)	i I		HATERSH	ED SNOWPAC	K ANALYSIS	
		×× USEA		,			, ои	THIS YE	AR AS % OF
RESERVOIR		THIS YEAR	LAST YEAR				AVG '		AVERAGE
DEER CREEK		146.1	97.4	106.9		R & UTAH L		22	28
GRANTSVILLE	3.3	3.2	3.3	Ì	PROVO RIVE	.R	5	18	26
SETTLEMENT CREEK	1.0	0.8	0.9	0.7	JORDAN RIV	er & Great	SALT 5	20	23
GTRANBERRY-ENLARGED	951.4	55118	421.6		TOOELE VAL	LEY WATERS	HEDS 3	37	31
JTAH LAKE	883.9	849.0	1248.6	766.8	UTAH LAKE	INDINAM DT	UED 2 10	23	27

 ^{1 -} Reas. max. and reas. min. forecasts are for 5% and 95% exceedance levels and also (2) below.
 2 - Corrected for upstream diversions or changes in reservoir storage.
 The average is computed for the 1961-85 base period.

VERNON CREEK

Uintah Basin & Dagget SCD's

Mountain snowpack* (inches)



*Based on selected stations

Maximum	Average	
Minimum	Current	

WATER SUPPLY OUTLOOK:

Snowmelt on the high Uintas usually commences after mid-April with the highest sites normally avoiding melt until well into May. This year, however, the highest snow course in the State (Lakefork Basin, elevation 11,100') began melt on April 15--27 days earlier than usual. Earlier and greater (4 1/2 times) than normal melt have left May 1 snow at 67% of average. Forecasts now range from 30 to 104% of average with most forecasts in the 40 to 70% range. Reservoir storage is much above average.

For more information contact your local Soil Conservation Service Office: Roosevelt Field Office 801-722-4521

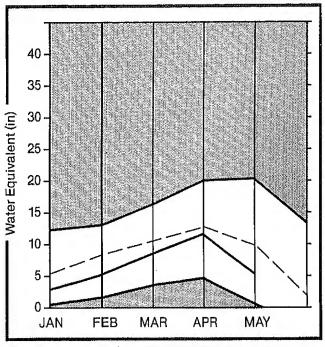
UINTAH BASIN & DAGGET SCD'S

FORECAST POINT	FORECAST PERIOD	25 YR. AVG.	MOST PROBABLE	MOST PROBABLE	REAS. MAX. (1000AF)	MAX. (% AVG.)	REAS. MIN. (1000AF)	REAS. HIN.	
DUCHESNE RIVER near Tabiona		96.0	56.0	58	68,0		44.0		
DUCHESNE RIVER near Duchesne	APR-JUL	189.0					85.0		
STRAMBERRY RIVER at Duchesne	APR-JUL	69.0		43	40.0		21.0	30	
ROCK CREEK near Mountain Home	MAY-JUL	90.0		60	68.0	76	43.0	48	
CURRANT CREEK near Fruitland	MAY-JUL		5.0	30	8.0	48	3.0	18	
LAKEFORK RIVER near Mountain Home	HAY-JUL	67.0		72	59.0	88	38.0	57	
YELLOWSTONE RIVER near Altonah	MAY-JUL	62.0	47.0	76	64.0	103	30.0	48	
DUCHESNE near Myton	MAY-JUL	186.0	4	43	128.0	69	24.0	13	
WHITE ROCKS RIVER near Whiterocks	MAY-JUL	5740	43.0	75	40.0	105	26.0	46	
UINTAH RIVER near Neola	HAY-JUL	84.0	62,0	77	93.0	111	31.0	37	
DUCHESNE near Randlett	APR-JUL	257 (0	175,0	68	347.0	135	70+0	27	
WEST FORK DUCHESNE RIVER near Hanna	APR-JUL	28.0	15,5	55	20.0	71	11.0	39	
HENRY'S FORK near Manila	APR-SEP	51.0	53,0	104	68.0	133	42.0	82	
BLACK'S FORK near Millburne	APR-JUL	90.0	75/0	83	98.0	109	55.0	61	
FLAMING GORGE RESERVOIR inflow	APR-SEP APR-JUL	1441.0 1267.0	850.0 780.0	59 62	1110.0 1010.0	77 80	620.0 575.0	43 45	
ASHLEY CREEK hear Vernal	MAY-JUL		37,10		47.0	94	29.0	58	
RESERVOIR	STORAGE	C) 		HATERSHE	O SNOWPAC	K ANALYSIS	
		** USEA			***************************************				AR AS % OF
RESERVOIR	CAPACITY!	THIS YEAR	LAST YEAR	AVG. I	HATERSHED		COUR!	LAST YE	AVERAGE
FLAMING GORGE	3749.0	3136.9	2999.0		UPPER GREE	N RIVER in I	UTAH 13	59	69
MOON LAKE	35.8	27 (4	25.4	18.1	ASHLEY CREI	EK	2	40	444
RED FLEET	26.0	20.8	19,7		BLACK'S FOR	RK RIVER	3	60	70
STEINAKER	33.3	3173	29,1	23.0	SHEEP CREE	<	2	87,	100
STARVATION	165.3	163.8	14676 1	13.5	DUCHESNE R	(VER	16	46	65
STRANBERRY-ENLARGED	951.4	551.8	42176		LAKE FORK-1	/ELLONSTONE	CRE 3	50	80
					STRANBERRY	RIVER	4	13	19
					IHK-HATNIU	FEROCKS RIV	ERS 4	51,	78
					UINTAH BAS	IN & DAGGET	SCD 29	51	67

 ^{1 -} Reas, max, and reas, min, forecasts are for 5% and 95% exceedance levels and also (2) below.
 2 - Corrected for Upstream diversions or changes in reservoir storage.
 The average is computed for the 1961-85 base period.

Carbon, Emery, Wayne, Grand, and San Juan Co.

Mountain snowpack* (inches)



*Based on selected stations

Maximum	Average	
Minimum	Current	

WATER SUPPLY OUTLOOK:

Snowpack in southeastern Utah ranges from 12% of average on the Book Cliffs to 112% on the La Sals following a warmer and drier than normal April which saw almost twice normal snowmelt. Water supply forecasts range from 41 to 121% of average with Mill Creek near Moab and the San Juan River being two of only four streams in the State with above average flows expected this irrigation season. Stored water in area reservoirs is more than one-third greater in volume than is normal for the end of April.

For more information contact your local Soil Conservation Service Office: Price Field Office 801-637-0041

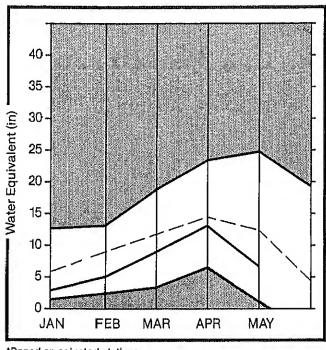
CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.

FORECAST POINT	PERIOD	25 YR. AVG. (1000AF)	(1000AF)	MOST PROBABLE (% AVG.)		REAS, MAX, (% AVG,)	REAS. MIN. (1000AF)	REAS. MIN. (% AVG.)	
GOOSEBERRY CREEK near Scofield			5.9		8.0	72	4.0	36	
SCOFIELD RESERVOIR inflow	MAY-JUL	41.5	17.0	41	24.0	58	12.0	29	
PRICE near Heiner	HAY-JUL	70,0	32.0	46					
ELECTRIC LAKE Inflow	MAY-JUL	13.9	6.0	43	8.0	58	4.0	29	
HUNTINGTON CREEK near Huntington	MAY-JUL	48.9	23.0	47	31.0	63	16.0	33	
COTTONWOOD CREEK near Orangeville	MAY-JUL	43.0	23.0	53	36.0	84	10.0	23	
FERRON CREEK near Ferron	MAY-JUL	28.0	21.0	55	29.0	76	13.0	34	
MUDDY CREEK near Emery	APR-JUL	21.0	11.5	55	16.0	76	7.0	33	
COLORADO near Cisco, UT	APR-JUL MAY-JUL	3457.0 2649.0	3250.0 2490.0		4080.0 3130.0	118 118	2525.0 1935.0	73 73	
GREEN near Green Rv., UT	APR-JUL MAY-JUL	3182.0 2599.0	2100.0 1715.0	66 66	2705.0 2210.0	85 85	1495.0 1220.0	47 47	
MILL CREEK near Moab	MAY-JUL	4.7	5.0	106	6.0	128	4.0	85	
NAVAJO RESERVOIR inflow	APR-JUL MAY-JUL	764.0 540.0	925.0 653.0	121 121	1140.0 805.0	149 149	740.0 525.0	97 97	
SAN JUA N near Bluff, UT	APR-JUL MAY-JUL	1091.0 793.0		ter the order tracks for the	1640.0 1190.0	150 150	1025.0 745.0	94 94	
SEVEN MILE CREEK near Fish Lake	APR-JUL		5.0		6.0		4.0	62	
RESERVOIR	STORAGE	(1000AF)	 		HATERSH	IED SNOWPAC		
	USEABLE I		BLE STORAG	E xx			NO.		AR AS % OF
RESERVOIR		THIS YEAR	LAST YEAR	AVG. I	HATERSHED		COURS AVG ' (LAST YR	AVERAGE
HUNTINGTON NORTH	3.9	4,1	3.7	3.9	PRICE RIVE	:R	3	15	19
JOE'S VALLEY	54.6	48,2	48.1	46.8	SAN RAFAEL	. RIVER	7	47	54
KEN'S LAKE	2,3	1.0	1.6		MUDDY RIVE	Ŕ	2	21	18
HILL SITE	16.7	14.8	9.9	6.3	FREMONT RI	VER	3	44	26
SCOFIELD	65.8	57.9	45.7	36.6	LASAL MOUN	RKIATI	2	129	112
					BLUE MOUNT	AINS	2	355	70
					WILLOW CRE	EK - MHITE	RIVE O	0	0
					CARBON, EN	IERY, WAYNE	E, GRA 20	57	54

^{1 -} Reas. max. and reas. min. forecasts are for 5% and 95% exceedance levels and also (2) below. 2 - Corrected for upstream diversions or changes in reservoir storage. The average is computed for the 1961-85 base period.

Sevier & Beaver River Basins

Mountain snowpack* (inches)



*Based on selected stations

Maximum Average ———

Minimum Current ———

WATER SUPPLY OUTLOOK:

Snowmelt during April was more and normal as a result of above average temperature and below average precipitation. This combination of factors has brought the May 1 snowpack over the Sevier Basin to 56% of average. Forecasts of spring and summer streamflow have suffered an average reduction of 18% from the levels forecast one month ago. Forecasts now range from 36 to 140% of average. Stored water in the reservoirs on the Sevier is 151% of average and 93% of capacity.

For more information contact your local Soil Conservation Service Office:
Richfield Field Office 801-896-6261
Fillmore Field Office 801-743-6655

SEVIER & BEAVER RIVER BASINS

STREAMFLOW FORECASTS

EVIER near Circleville MAY-JUL 36,2 25,0 47 18,0 70 34.0 132 4.0 16 MITHONY CREEK near Antisony MAY-JUL 61,7 51,5 80 F SEVIER near Kingston MAY-JUL 61,4 12,0 73 22,0 134 5,0 30 EVIER blu Pivte Dan HAY-JUL 16,4 12,0 73 22,0 134 5,0 30 EVIER blu Pivte Dan HAY-JUL 16,5 14,8 80 130 130 18,0 47 18,0 47 18,0 47 18,0 47 18,0 48 40 10 10 10 10 10 10 10 10 10	FORECAST POINT	FORECAST PERIOD	AVG. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE	REAS. MAX. (1000AF)	REAS. MAX.	REAS. MIN.	REAS. MIN. (% AVG.)	
EVIER near Kingston MAY-JUL 25,7 19,0 70 34.0 132 4.0 16 MITINONY CREEK near Antiaony MAY-JUL 6,9 5,5 80 F SEVIER near Kingston MAY-JUL 16,4 12,0 73 22,0 134 5.0 30 EVIER blw Piute Dan MAY-JUL 18,5 14,8 80 LEAR CREEK near Sevier MAY-JUL 18,5 14,8 80 TIUDING TO GUNNISON MAY-JUL 34,4 51,0 140 85,0 234 18,0 49 INDISTON TO VERKILLION DAH MAY-JUL 19,0 24,3 140 EWIER IN FORMAL SALINA MAY-JUL 19,0 24,3 140 EWIER IN FORMAL SALINA MAY-JUL 19,0 24,3 140 MICKER NEAR FAILING MAY-JUL 13,2 7,8 75,0 98 MICKER NEAR FAILING MAY-JUL 11,1 0,4 34 1,0 91 0,0 0 PIRAMIC CREEK near Levan APR-JUL 11,6 5,6 48 MICKER Near Beaver MAY-JUL 11,6 5,6 48 ALT CREEK Near Beaver MAY-JUL 12,7 (0,5 83 16,0 142 3.0 24 INERSWILLE RESERVOIR STORAGE WESERVOIR STORAGE USEGBEL XX USEABLE STORAGE XX LAST MAY-JUL 12,7 (0,5 83 16,0 142 3.0 24 INERSWILLE RESERVOIR STORAGE WESERVOIR COMBINED MAY-JUL 11,0 4,5 4,5 4,6 4,6 4,6 4,6 4,6 4,6 4,6 4,6 4,6 4,6	SEVIER at Hatch	MAY-JUL			78	48.0	107	26.0	58	
NTIMONY CREEK near Antimory NAY-JUL 6.9 5.5 80 F SEVIER near Antimory NAY-JUL 16.4 12.0 73 22.0 134 5.0 30 EVIER blw Piute Dam HAY-JUL 18.3 14.8 80 LEAR CREEK near Sevier HAY-JUL 19.3 14.8 80 LIGURO to GUNNISON HAY-JUL 34.4 51.0 140 85.0 234 18.0 49 INSSIDN to VERMILLION DAH HAY-JUL 19.0 26.6 140 ALITA CREEK a Salina HAY-JUL 19.0 26.6 140 ALITA CREEK near Fillmane HAY-JUL 19.2 53 EVIER near Fillmane HAY-JUL 19.2 63 EVIER near Fillmane HAY-JUL 19.2 53 ACCREEK near Levan AFR-JUL 19.2 53 ACCREEK near Levan AFR-JUL 11.0 0.4 36 1.0 91 0.0 0 PRACH CREEK near Pleasant HAY-JUL 11.0 0.4 36 1.0 91 0.0 0 ACCREEK near Nephi HAY-JUL 10.8 7.3 68 13.0 120 1.0 9 EATHER KTUER near Beaver HAY-JUL 12.7 10.5 83 ALITA CREEK near Nephi HAY-JUL 19.3 7.3 68 13.0 120 1.0 9 EATHER KTUER near Beaver HAY-JUL 19.3 7.3 68 13.0 120 1.0 9 EATHER KTUER near Beaver HAY-JUL 19.3 7.3 68 13.0 120 1.0 9 EATHER KTUER near Beaver HAY-JUL 19.3 7.3 68 13.0 120 1.0 9 EATHER KTUER near Beaver (combined N HAY-JUL 19.3 7.3 68 13.0 120 1.0 9 EATHER KTUER near Beaver (combined N HAY-JUL 19.3 7.3 68 13.0 120 1.0 9 EATHER KTUER near Beaver (combined N HAY-JUL 19.8 7.3 68 13.0 120 1.0 9 EATHER KTUER near Beaver (combined N HAY-JUL 19.7 7.9 27.0 113 11.0 46 INERBUILLE RESERVOIR Inflow APR-JUN 17.7 18.6 18.0 142 3.0 24 INERBUILLE RESERVOIR Inflow APR-JUN 17.7 18.6 18.0 142 3.0 24 INERBUILLE RESERVOIR Inflow APR-JUN 17.7 18.6 18.0 142 3.0 24 INERBUILLE (RkyFd) 2.0 2.0 23 20.5 15.2 24.4 20.1 12.4 20.0 12.4 20.	SEVIER near Circleville	MAY-JUL	36.2	25.0	69					
F SEVIER near Kingston HAY-JUL 14.4 12.0 73 22.0 134 5.0 30 EVIER blw Piute Dam HAY-JUL 42.0 29.0 49 57.0 136 4.0 10 LEAR CREEK near Sevier HAY-JUL 18.5 14.8 80 LIGURD to GUNNISON HAY-JUL 34.4 51.0 140 85.0 234 18.0 49 INSSIGN to VERHILLION DAH HAY-JUL 19.0 26.6 140 ALTAN CREEK 8 Salina HAY-JUL 19.0 26.6 140 ALTAN CREEK 8 Salina HAY-JUL 19.0 26.6 140 ALTAN CREEK 8 Salina HAY-JUL 19.2 63 EVIER Near FUllande HAY-JUL 13.5 2.7 63 3.0 86 1.0 29 AK CREEK near Levan APR-JUL 11.2 0,4 26 1.0 91 0.0 0 HAK CREEK Near Condition HAY-JUL 11.5 0,4 26 1.0 91 0.0 0 FRESENOIR HAY-JUL 11.6 5.6 88 ALT CREEK Near Pleasant HAY-JUL 10.8 7.3 68 13.0 120 1.0 9 EATHER KTUER Near Beaver HAY-JUL 12.7 10.5 83 LEASANT CREEK Near Nephi HAY-JUL 10.8 7.3 68 13.0 120 1.0 9 EATHER KTUER Near Beaver (coablined N HAY-JUL 12.7 10.5 83 18.0 142 3.0 24 LEAR KTUER Near Beaver (coablined N HAY-JUL 12.7 10.5 83 18.0 142 3.0 24 INFROVILLE RESERVOIR Inflow APR-JUN 6.9 8.0 90 11.0 124 5.0 56 RESERVOIR STORAGE (1000AF) MATERSHED SNOHPACK ANALYSIS RESERVOIR STORAGE (1000AF) MATERSHED SNOHPACK ANALYSIS HATERSHED SNOHPACK ANALYSIS HATERSHED SNOHPACK ANALYSIS LAST YEAR AVG. WATERSHED NOHPACK ANALYSIS LAST YEAR AVG. WATERSHED NOHPACK ANALYSIS LAST YEAR AVG. WATERSHED SOUTH FORK SEVIER RIVER (south 11 76 6) EAST FORK SEVIER RIVER (south 11 76 6) EAST FORK SEVIER RIVER (south 11 76 6) EAST FORK SEVIER RIVER 7 71 40 TITLE CREEK FORK SEVIER RIVER 7 71 40 EAST FORK SEVIER RIVER 7 71 40 EAST FORK SEVIER RIVER 7 71 71 40 EVIEW 71.8 474, 444 71 LOHER SEVIER RIVER 7 71 40 EAST FORK SEVIER RIVER (south 11 76 6) EAST FORK SEVIER RIVER 7 71 71 40	SEVIER near Kingston	MAY-JUL	25.7	18.0	70	34.0	132	4.0	16	
EVIER DIM Plute Dan HAY—JUL 42,0 29,0 69 57.0 136 4.0 10 LEAR CREEK near Sevier HAY—JUL 18,5 14,8 80 IGUIRD to GUNNISON HAY—JUL 36,4 51,0 140 85.0 234 18.0 49 INGSTON to VERHILLION DAM HAY—JUN 32,7 34,0 104 ERMILLION DAM to GUNNISON HAY—JUL 19,0 26,6 140 ALINA CREEK at Salina HAY—JUL 19,0 26,6 140 ALINA CREEK at Salina HAY—JUL 19,0 79,6 78,0 98 HALK CREEK near Filhagre HAY—JUL 13,2 9,8 74 13,0 98 7,0 53 MICKEN CREEK near Elevan APR—JUL 13,2 9,8 74 13,0 98 7,0 53 MICKEN CREEK near Ephraia HAY—JUL 11 0,4 36 1.0 91 0.0 0 PHRAZM CREEK near Pleasant HAY—JUL 11,5 5,6 49 ALT CREEK near Beaver HAY—JUL 10,8 7,3 68 13,0 120 1.0 9 EAUER RIVER near Beaver HAY—JUL 12,7 10,5 93 18,0 142 3.0 24 IMERSVILLE RESERVOIR inflow APR—JUN 8,9 8,0 90 11,0 124 5.0 56 RESERVOIR STORAGE (1000AF) HATERSHED SNOMPACK ANALYSIS	ANTIMONY CREEK near Antimony	HAY-JUL	6.9	5,8	80					
LEAR CREEK near Sevier	E F SEVIER near Kingston	JUL-YAM	16.4	12,0	78	22.0	134	5.0	30	
TRUED to GUNNISON MAY-JUL 34.4 51.0 140 85.0 234 18.0 49 INGSTON to VERNILLION DAH MAY-JUL 32.7 34.0 104 ERMILLION DAH to GUNNISON MAY-JUL 19.0 26.6 140 ALINA CREEK at Salina MAY-JUL 19.0 76.0 98 HAKL CREEK near Fillmore MAY-JUL 13.2 9.8 74 13.0 98 7.0 53 HICKEN CREEK near Fillmore MAY-JUL 13.2 9.8 74 13.0 98 7.0 53 HICKEN CREEK near Gunk City MAY-JUL 11.1 0.4 34 1.0 91 0.0 0 PHRAIM CREEK near Ephraia MAY-JUL 11.6 5.6 48 ALT CREEK near Pleasant MAY-JUL 11.6 5.6 48 ALT CREEK near Beaver MAY-JUL 12.7 10.5 33 18.0 120 1.0 9 EAUER RIVER near Beaver (combined N MAY-JUL 12.7 10.5 33 18.0 142 3.0 24 INGRIVILLE RESERVOIR Inflow APR-JUN 9.9 8.0 90 11.0 124 5.0 56 RESERVOIR STORAGE USEABLE XX USEABLE XX USEABLE STORAGE XX INTERSVILLE RESERVOIR Inflow APR-JUN 9.9 8.0 90 11.0 124 5.0 56 UNITSON 20.3 20.3 18.2 14.9 UPPER SEVIER RIVER (south 11 76 60 10.0 10.0 176 79 62 UNITSON 20.3 20.3 18.2 14.9 UPPER SEVIER RIVER (south 11 76 60 10.0 10.0 10.0 10.0 10.0 10.0 10.0	SEVIER blw Piute Dam	MAY-JUL	42,0	29.0	69	57.0	136	4.0	10	
INGSTON to VERNILLION DAH HAY-JUN 32.7 34.0 104 ERMILLION DAN to GUNNISON HAY-JUL 19.0 26.6 140 ALINA CREEK at Salina HAY-JUN 16.2 10.2 63 EVIER nr Gunnison HAY-JUL 19.6 78.0 98 HAKL CREEK near Fillaore HAY-JUL 13.2 9.8 74 13.0 98 7.0 53 HICKEN CREEK near Levan APR-JUL 3.5 2.2 63 3.0 86 1.0 29 AK CREEK near Gehraim HAY-JUL 11.1 0.4 34 1.0 91 0.0 0 PHRAIM CREEK near Ephraim HAY-JUL 11.6 5.6 49 ALIT CREEK near Nephi HAY-JUL 10.8 7.3 68 13.0 120 1.0 9 EAUER RIVER near Beaver HAY-JUL 12.77 10.5 83 18.0 142 3.0 24 INGREVILLE RESERVOIR inflow APR-JUN 8.9 8.0 90 11.0 124 5.0 56 WATERSVILLE RESERVOIR inflow APR-JUN 8.9 8.0 90 11.0 124 5.0 56 WATERSVILLE RESERVOIR inflow APR-JUN 20.3 20.3 18.2 (4.79) UNPER SEUIER RIVER (south 11 7.6 64 EAST FORK SEVIER RIVER (4 7.0 5.2 64) LAST YEAR ANG. UNPERSEVILLE (RkyFd) 20.3 20.3 20.3 18.2 (4.79) UPPER SEUIER RIVER (south 11 7.6 64 EAST FORK SEVIER RIVER 7 7 71 40 10.0 10.0 124 70 62 EAST FORK SEVIER RIVER 7 7 71 40 10.0 10.0 124 70 62 EAST FORK SEVIER RIVER 7 7 71 40 10.0 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 40 10.0 124 72 71 71 80 10.0 124 72 71 71 80 10.0 124 72 71 71 80 10.0 124 72 71 71 80 10.0 124 72 71 71 80 10.0 124 72 71 71 80 10.0 124 72 71 71 80 10.0 124 72 71 71 80 10.0 124 72 71 71 80 10.0 124 72 71 71 80 10.0 124 72 71 71 71 71 71 71 71 71 71 71 71 71 71	CLEAR CREEK near Sevier	MAY-JUL	18.5	14.8	80					
### RESERVOIR STORAGE MAY-JUL 19.0 26.6 140	SIGURD to GUNNISON	HAY-JUL	36.4	51.0	140	85,0	234	18.0	49	
ALTHA CREEK at Salina	KINGSTON to VERMILLION DAM	NUL-YAM	32.7	34.0	104					
EVIER nr Gunnison HAY-JUL 79.6 78.0 98 HALK CREEK near Fillmore HAY-JUL 13.2 9.8 74 13.0 98 7.0 53 HICKEN CREEK near Levan APR-JUL 3.5 2.2 63 3.0 86 1.0 29 AK CREEK near Oak City HAY-JUL 1.1 0.4 36 1.0 91 0.0 0 PHRAIH CREEK near Ephraim HAY-JUL 22.0 11.5 52 LEASANT CREEK near Pleasant HAY-JUL 10.8 7.3 68 13.0 120 1.0 9 EAUER RIVER near Beaver HAY-JUL 24.0 19.0 79 27.0 113 11.0 46 ORTH CREEK near Beaver (combined N HAY-JUL 12.7 10.5 83 18.0 142 3.0 24 INERBVILLE RESERVOIR Inflow APR-JUN 8.9 8.0 90 11.0 124 5.0 56 RESERVOIR STORAGE (1000AF) HATERSHED SNOHPACK ANALYSIS RESERVOIR THIS LAST YEAR AVG. USEABLE XX USEABLE STORAGE XX THE LAST YEAR AVG. HATERSHED SNOHPACK ANALYSIS UNMISON 20.3 20.3 18.2 14.7 UPPER SEVIER RIVER (south 11 76 60 1) INERSVILLE (RKyFd) 26.0 24.4 23.1 14.6 EAST FORK SEVIER RIVER (south 11 76 60 1) INERSVILLE (RKyFd) 26.0 24.4 23.1 14.6 EAST FORK SEVIER RIVER 4 90 62 1) INTER CREEK 52.6 52.4 52.5 39.5 SOUTH FORK SEVIER RIVER 7 71 60 10 10 10 10 10 10 10 10 10 10 10 10 10	VERMILLION DAM to GUNNISON	MAY-JUL	19.0	26.6	140					
HALK CREEK near Fillmore HAY-JUL 13.2 9.8 74 13.0 98 7.0 53 HICKEN CREEK near Levan APR-JUL 3,5 2,2 63 3.0 86 1.0 91 0.0 0 PHRAIM CREEK near Dak City HAY-JUL 11.1 0,4 36, 1.0 91 0.0 0 PHRAIM CREEK near Ephraim HAY-JUL 11.6 5.6 48 ALT CREEK near Pleasant HAY-JUL 10.8 7.3 68 13.0 120 1.0 9 EAUER NIVER near Beaver HAY-JUL 24.0 19.0 79 27.0 113 11.0 46 ORTH CREEK near Beaver (combined N MAY-JUL 12.7 10.5 83 18.0 142 3.0 24 INERSVILLE RESERVÜR inflow APR-JUN 8.9 8.0 90 11.0 124 5.0 56 WATERSHED SHOHPACK ANALYSIS WESERVÜR STÜRAGE UUSEABLE **X USEABLE STÜRAGE *XX CAPACITY! THIB LAST NACE *XX USEABLE STÜRAGE *XX U	SALINA CREEK at Salina	MUL-YAM	16.2	10.2	63					
HICKEN CREEK near Levan APR-JUL 3,5 2,2 63 3,0 86 1.0 29 AK CREEK near Osk City HAY-JUL 1.1 0.4 36 1.0 91 0.0 0 PHRAIM CREEK near Ephrais HAY-JUL 22.0 11.5 52 LEASANT CREEK near Pleasant HAY-JUL 11.6 5.6 48 ALT CREEK near Nephi HAY-JUL 10.8 7,3 68 13.0 120 1.0 9 EAVER NIVER near Beaver MAY-JUL 12.7 10.5 83 18.0 142 3.0 24 INERBUILLE RESERVOIR inflow APR-JUN 6.9 8.0 90 11.0 124 5.0 56 RESERVOIR STORAGE (1000AF) HATERSHED SNOWPACK ANALYSIS RESERVOIR CAPACITY THIS LAST YEAR AVG. HATERSHED SNOWPACK ANALYSIS UNNISON 20,3 20,3 18.2 14.7 UPPER SEVIER RIVER (south 11 76 60 1) INERSVILLE (RkyFd) 26.0 24.4 23.1 14.6 EAST FORK SEVIER RIVER 4 90 52 TITER CREEK 52.6 52.6 52.5 39.5 SOUTH FORK SEVIER RIVER 7 71.8 69.5 45.1 44.7 LONER SEVIER RIVER (inclu 12 51 53	SEVIER or Gunnison	MAY-JUL	79.6	78.0	98					
AK CREEK near Oak City MAY-JUL 1.1 0.4 36 1.0 91 0.0 0 PHRAIM CREEK near Ephraim MAY-JUL 22.0 11.5 52 LEASANT CREEK near Pleasant MAY-JUL 11.6 5.6 48 ALT CREEK near Nephi MAY-JUL 10.8 7.3 68 13.0 120 1.0 9 EAUER NIVER near Beaver MAY-JUL 24.0 19.0 79 27.0 113 11.0 46 ORTH CREEK near Beaver (combined N MAY-JUL 12.7 10.5 83 18.0 142 3.0 24 INERSVILLE RESERVOIR inflow APR-JUN 8.9 8.0 90 11.0 124 5.0 56 RESERVOIR STORAGE (1000AF) MATERSHED SNOHPACK ANALYSIS RESERVOIR USEABLE *** USEABLE STORAGE *** MATERSHED SNOHPACK ANALYSIS RESERVOIR CAPACITY! THIS LAST YEAR AVG. MATERSHED SNOHPACK ANALYSIS UNNISON 20.3 20.3 18.2 14.9 UPPER SEVIER RIVER (south 11 76 60 1) INERSVILLE (RkyFd) 26.0 24.4 23.1 14.6 EAST FORK SEVIER RIVER 4 90 62 THE CREEK 52.6 52.5 39.5 SOUTH FORK SEVIER RIVER 7 71 60 LONER SEVIER RIVER (inclu 12 51 53)	CHALK CREEK near Fillmore	MAY-JUL	13.2	9:8	74	13.0	98	7,0	53	
PHRAIM CREEK near Ephraim MAY-JUL 11.6 5.6 48 ALT CREEK near Pleasant HAY-JUL 10.8 7.3 68 13.0 120 1.0 9 EAUER NIVER near Beaver MAY-JUL 24.0 19.0 79 27.0 113 11.0 46 ORTH CREEK near Beaver (combined N MAY-JUL 12.7 10.5 83 18.0 142 3.0 24 INERSVILLE RESERVOIR inflow APR-JUN 8.9 8.0 90 11.0 124 5.0 56 RESERVOIR STORAGE (1000AF) HATERSHED SNOWPACK ANALYSIS RESERVOIR WE CAPACITY! HIS LAST YEAR AVG. COURSES AVG-1 AVG-1D LAST YR. AVERAGE UNNISON 20.3 20.3 18.2 14.9 UPPER SEVIER RIVER (south 11 76. 60 11) INERSVILLE (RkyFd) 26.0 24.4 23.1 14.6 EAST FORK SEVIER RIVER 4 90 62 ITER CREEK 52.6 52.6 52.6 52.5 39.5 SOUTH FORK SEVIER RIVER 7 71 60 IUTE 71.8 69.5 65.1 44.7 LOHER SEVIER RIVER (inclu 12 51 53	CHICKEN CREEK near Levan	APR-JUL	3,5	2,2	63	3.0	86	1.0	29	
LEASANT CREEK near Pleasant MAY-JUL 11.6 5.4 48 ALT CREEK near Nephi MAY-JUL 10.8 7.3 68 13.0 120 1.0 9 EAUER RIVER near Beaver MAY-JUL 24.0 19.0 79 27.0 113 11.0 46 ORTH CREEK near Beaver (combined N MAY-JUL 12.7 10.5 83 18.0 142 3.0 24 INERSVILLE RESERVOIR inflow APR-JUN 8.9 8.0 90 11.0 124 5.0 56 RESERVOIR STORAGE (1000AF) HATERSHED SNOHPACK ANALYSIS RESERVOIR CAPACITY THIS LAST YEAR AVG. HATERSHED SNOHPACK ANALYSIS UNNISON 20.3 20.3 16.2 14.9 UPPER SEVIER RIVER (south 11 76. 60 INERSVILLE (RkyFd) 26.0 24.4 23.1 14.6 EAST FORK SEVIER RIVER 4 90 62 ITER CREEK 52.6 52.6 52.5 39.5 SOUTH FORK SEVIER RIVER 7 71 60 TUTE 71.8 69.5 65/1 44.7 LOHER SEVIER RIVER (inclu 12 51 53)	DAK CREEK near Oak City	MAY-JUL	1,1	0.4	36	1.0	91	0.0	0	
ALT CREEK near Nephi MAY-JUL 10.8 7.3 68 13.0 120 1.0 9 EAVER RIVER near Beaver MAY-JUL 24.0 19.0 79 27.0 113 11.0 46 ORTH CREEK near Beaver (combined N MAY-JUL 12.7 10.5 83 18.0 142 3.0 24 INERSVILLE RESERVOIR inflow APR-JUN 6.9 6.0 90 11.0 124 5.0 56 RESERVOIR STORAGE (1000AF) HATERSHED SNOWPACK ANALYSIS RESERVOIR CAPACITY THIS LAST YEAR AVG. HATERSHED COURSES AVG'D LAST YEAR AVG. UPPER SEVIER RIVER (south 11 76 60 INERSVILLE (RkyFd) 26.0 24.4 23.1 14.6 EAST FORK SEVIER RIVER 4 90 62 ITER CREEK 52.6 52.6 52.5 39.5 SOUTH FORK SEVIER RIVER 7 71 60 IUNES SEVIER RIVER (inclu 12 51 53)	EPHRAIM CREEK near Ephraim	MAY-JUL	22.0	1175	52					
EAUER NIVER near Beaver	PLEASANT CREEK near Pleasant	MAY-JUL	11.6	5,6	48					
ORTH CREEK near Beaver (combined N MAY-JUL 12:7 10:5 83 18:0 142 3:0 24 INERSVILLE RESERVOIR inflow APR-JUN 6:9 6(0 90 11:0 124 5:0 56 RESERVOIR STORAGE (1000AF) HATERSHED SNOWPACK ANALYSIS RESERVOIR USEABLE ** USEABLE STORAGE ** CAPACITY THIS LAST THIS LAST YEAR AVG. HATERSHED COURSES AVG'D LAST YR. AVERAGE UNNISON 20:3 20:3 18:2 14:9 UPPER SEVIER RIVER (south 11 76 60 INERSVILLE (RkyFd) 26:0 24:4 23:1 14:6 EAST FORK SEVIER RIVER 4 90 62 ITER CREEK 52:6 52:6 52:5 39:5 SOUTH FORK SEVIER RIVER 7 71 60 INTERSVILLE (71:8 69:5 65:1 44:7 LOWER SEVIER RIVER (inclu 12 51 53	SALT CREEK near Nephi	MAY-JUL	10.8	7,3	68	13,0	120	1.0	9	
RESERVOIR STORAGE	BEAVER KIVER near Beaver	MAY-JUL	24.0	1910	79	27.0	113	11.0	46	
RESERVOIR STORAGE (1000AF) HATERSHED SNOWPACK ANALYSIS RESERVOIR USEABLE ** USEABLE STORAGE ** HATERSHED COURSES LAST YR. AVERAGE	NORTH CREEK near Beaver (combined N	MAY-JUL	12,7	10:5	83	18,0	142	3,0	24	
RESERVOIR STORAGE (1000AF) HATERSHED SNOWPACK ANALYSIS NO. THIS YEAR AS 2 OF COURSES AVG'D HATERSHED NO. THIS YEAR AS 2 OF COURSES AVG'D LAST YR. AVERAGE	MINERSVILLE RESERVOIR inflow	APR-JUN	8,9	8(0	90	11.0	124	5.0	56	
RESERVOIR STORAGE (1000AF) HATERSHED SNOWPACK ANALYSIS NO. THIS YEAR AS 2 OF COURSES AVG'D HATERSHED NO. THIS YEAR AS 2 OF COURSES AVG'D LAST YR. AVERAGE										
No. THIS YEAR AS 2 OF HATERSHED No. COURSES LAST YEAR AVG. HATERSHED NO. COURSES AVG'D LAST YR. AVERAGE AVERAGE LAST YR. AVERAGE LAST YR. AVERAGE AVERAG	RESERVOIR	STORAGE			 		WATERSHI	ED SNOWPAC	K ANALYSIS	9 (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)
YEAR YEAR AVG. AVG.D LAST YR. AVERAGE	PERFOUNTS							₩0.		'EAR AS % OF
UNNISON 20.3 20.3 16.2 14.9 UPPER SEVIER RIVER (south 11 76 60 INERSVILLE (RkyFd) 26.0 24.6 23.1 14.6 EAST FORK SEVIER RIVER 4 90 62 ITER CREEK 52.6 52.6 52.5 39.5 SOUTH FORK SEVIER RIVER 7 71 60 IUTE 71.8 69.5 65.1 44.7 LOHER SEVIER RIVER (inclu 12 51 53		l								r. AVERAGE
TTER CREEK 52.6 52.6 52.5 39.5 SOUTH FORK SEVIER RIVER 7 71 60 TUTE 71.8 69.5 65/1 44.7 LOHER SEVIER RIVER (incluit 2 51 53	GUNNISON		20,3	16.2	1479	UPPER SEVI	ER RIVER (south 11	76.	60
IUTE 71.8 69:5 65/1 44:7 LOWER SEVIER RIVER (inclu 12 51 53	INERSVILLE (RkyFd)	26.0	24.4	23,1	14.6	EAST FORK S	SEVIER RIVE	ER 4	90	- 62
	OTTER CREEK	52.6	52.6	52,5	39.5	SOUTH FORK	SEVIER RIV	PER 7	71	60
EVIER BRIDGE 236.0 211.1 228/4 136/0 BEAVER RIVER 3 39 66	PIUTE	71.8	69:5	65/1	44.7	LOWER SEVIE	R RIVER (inclu 12	51	53
	SEVIER BRIDGE	236.0	211,1	22374 1	36.0	BEAVER RIVE	ER	3	39	1.60

SEVIER & BEAVER RIVER BAS 26

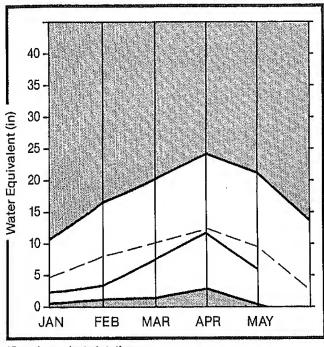
22.3

PANQUITCH LAKE

^{1 -} Reas. max. and reas. min. forecasts are for 5% and 95% exceedance levels and also (2) below. 2 - Corrected for upstream diversions or changes in reservoir storage. The average is computed for the 1961-85 base period.

E. Garfield, Kane, Washington, & Iron Co.

Mountain snowpack* (inches)



*Based on selected stations

Maximum	Average	
Minimum	Current	

WATER SUPPLY OUTLOOK:

The snowpack in southwestern Utah lost twice as much melt water last month than is normal for April in response to the warmer and drier than normal weather conditions experienced during the month. Snow water ranges from 0% on the Enterprise-New Harmony snow courses to 114% of average on the Escalante River courses. Streamflow forecasts on the Virgin River, Santa Clara River and Coal Creek are 64, 53 and 57% of average respectively. Area reservoirs are still holding only about 68% of their cumulative capacity.

For more information contact your local Soil Conservation Service Office: Cedar City Field Office 801-586-2429

E. GARFIELD, KANE, WASHINGTON, & IRON Co.

									, m +n -n -n -n	~~~~
FORECAST POINT	FORECAST PERIOD	AVG.		MOST PROBABLE (% AVG.)		REAS. MAX. (% AVG.)	REAS. HIN. (1000AF)	MIN.		
VIRGIN near Hurricane	NUL-YAM	43.8	28.0	64	49.0	112	7.0	16		
SANTA CLARA near Pine Valley	MUL-YAM	4.0	2.1	53						
COAL CREEK near Cedar City	MAY-JUL	16.8	7.6	57	15.0	89	6.0	36		
LAKE POWELL inflow	APR-JUL MAY-JUL	8046.0 6475.0		87 80	8860.0 6690.0	110 103	5300.0 3840.0			
	USEABLE 1	×× USE	ABLE STORAG	 E **			No.	THI	S YEA	R AS % OF
RESERVOIR			LAST YEAR		WATERSHED			T YR.	AVERAGE	
GUNLOCK	10.4	7.0	9.3		VIRGIN RIV	ER	5	80		61
AKE POWELL	25002.0	0.0	22220.0		PAROHAN		4	89		88
QUAIL CREEK	40.0	32.0	24.0		ENTERPRISE	TO NEW HA	RHONY 2	0		0
JPPER ENTERPRISE	10.0	3.0	5.0		COAL CREEK		3	80		-65
OWER ENTERPRISE	2.6	0.6			ESCALANTE	RIVER	1	182		114
					E. GARFIEL	D, KANE, W	ASHIN 12	84		61

 ^{1 -} Reas. max. and reas. min. forecasts are for 5% and 95% exceedance levels and also (2) below.
 2 - Corrected for upstream diversions or changes in reservoir storage.
 The average is computed for the 1961-85 base period.

SNOW MEASUREMENT DATA

SNOW COURSE			DEPTH	WATER CONTENT	YEAR	1961-85
ASHLEY TWIN LAKES						
ATWOOD LAKE	10500	04/29	27	8.6	15.3	13.3
BEAVER CREEK DIVIDE	8280		O	0.0	8.0	6.5
BEAVER DAMS BEN LOMOND PEAK BEN LOMOND TRAIL BEVAN'S CABIN BIG FLAT BIRCH CROSSING	8000	04/24	0	0.0 18.4	1.0	8.0
BEN LOMOND PEAK	8000	04/23	42	18.4	53.7	39.4
BEN LOMOND TRAIL	6000	04/23	Q.	0.0 0.0 14.9 0.0 3.5 0.0E	11.7 2.6	7.6 = =
REVAN'S CARIN	6450	04/30	49	0.0	2.6	0.0 21.4
BIG FLAT	9100	04/23	40	0.0	31.8 0.0	2.0
BLACK'S FLAT-U.M. CK	9400	04/24	14	3.5	8.2	
BLACK'S FORK	9200	04/24	_ `	0.0E	8.2 7.9 10.7	11.9
BLACK'S FORK GS-EF BLACK'S FORK JUNCTN	9340	04/23 04/23	- 19 8	3.5 0.0E 6.8 2.7	10.7 8.0	9.9 8.3
BLACK'S FORK JUNCTN	8930	04/23	8	2.7	8.0	8.3
		04/23 04/23	18	6.2 20.0	13.7 24.3	13.2
BOX CREEK BRIAN HEAD	10000	04/23	53	20.0	24.3	22.0
BRIGHTON	8750	04/30 04/24	30	11.8 19.0	24.0	40.2
BROWN DUCK RIDGE	10600	04/24	55	19.0	34.9	22.4
BRYCE CANYON BUCK FLAT BUCK PASTURE BUCKBOARD FLAT BUG LAKE BURT'S-MILLER RANCH	9800 9800	04/2/	26	0.0 9.6	0.0 22.0	17 2
BUCK PASTURE	9700	04/29	27	9.2	22.6	17.2
BUCKBOARD FLAT	9000		20	9.2 8.0	22.6 3.1	8.3
BUG LAKE	7950	04/23	28	8.0	26 6	19.4
BURT'S-MILLER RANCH	7900	04/23	٥	8.0 0.0	0.0	2.4
CAMP JACKSON	8600	04/27	8	3.0	0.0	7.5 8.5,
CASTLE VALLEY	9580	04/23	16	5.9	7.9	8.5.
BURT'S-MILLER RANCH CAMP JACKSON CASTLE VALLEY CHALK CREEK #1 CHALK CREEK #2	9100	04/23	41	0.0 3.0 5.9 15.2 6.6 0.0	37.6 20.4	25.0
CHALK CREEK #2	8200	04/23	19	6.6	20.4	14.4
CHALK CREEK #3	1000	04/23	91	10.0	0.0 23.2	120
CHEPETA CHEPETA-WHITERKS, LK	10300	04/24	∆1 41	13.5	19.1	15.7
CLEAR CREEK MEADOWS					_	20.A
CLEAR CREEK RIDGE #1		04/24	17	6.1 2.9	21.1	18.0
CLEAR CREEK RIDGE #2		04/24	9	2.9	12.2	18.0 10.8
CLEAR CREEK RIDGE #3	6600	04/24	O	0.0	0.0	0.1 2.8
CURRANT CREEK	8000	04/24	Q	0.0	0.0	2.8
DANIELS-STRAWBERRY	8000	04/24	0	0.0	17.2	9.9 26.9
DANIELS-STRAWBERRY DESERET PEAK DILL'S CAMP DONKEY RESERVOIR DRY BREAD POND DUCK CREEK R.S.	9250	04464		0.6	24.1	26.9
DILL'S CAMP	9200	04/24	32	3.8 8.1	7.8	7.4 6 6
DONNEY RESERVOIR	8350	04/23 04/23	3	1.0	24.2	18.2
DUCK CREEK R.S.	8700	04/23	-	0.0E	0.0	9.2
EAST SHINGLE LAKE	9800	04/29	26		45.5	
EAST WILLOW CREEK	8250	04/28	-	1.0E	-	7.2
EAST SHINGLE LAKE EAST WILLOW CREEK FARMINGTON CANYON FARMINGTON CANYON L.	8000	04/28 04/24 04/24	40	17.1	45.5 44.7 30.6	33.7
FARMINGTON CANYON L.	6950			10.4	30.6	23.7
FARNSWORTH LAKE		04/24		19.9		22.9
FISH LAKE	8700	04/24	5	1.7 13.1	3.6 20.4	5.9 18.4
FIVE POINT LAKE G.B.R.C. HEADQUARTER	11000 8700	04/29 04/24	41 29	10.9	20.2	17.6
G.B.R.C. MEADOWS	10000	04/24	51	19.4	32.9	27.2
GARDEN CITY SUMMIT	7600	04/23	12	4.2	23.5	17.2
GEORGE CREEK	8840				-	-
GOOSEBERRY R.S.	8000	04/24	16	5.4	7.6	10.0
HARDSCRABBLE	6700	04/24	0	0.0	13.0	11.1
HARRIS FLAT	7700	04/23	0	0.0	0.0	2.9
HAYDEN FORK	9400	04/23	25	8.5	22.4	16.1
HENRY'S FORK	10000	04/29	34	11.2	14.2 10.2	13.4
HEWINTA G.S. HOLE-IN-THE-ROCK	9500 9150	04/23 04/24	22 14	7.1 4.0	6.7	10.2 6.0
HOLE-IN-THE-ROCK GS	8300	U7/44	7.4	7.0	-	0.0
HICKERSON PARK	9100	04/24	21	6.0	6.8	6.5

SNOW MEASUREMENT DATA (cont.)

SNOW COURSE	ELEV.		DEPTH	WATER CONTENT	YEAR	1961-85
HOBBLE CREEK SUMMIT	7420	04/24	0	0.0	9.2	8.3
HORSE RIDGE	8260	04/23	8	0.0 2.9 16.1 7.2 0.0 5.6 13.4 4.0 .0 11.6 15.0 10.1 0.0 4.4 17.6 21.0 5.6	28.2	20.0
HUNTINGTON-HORSESHOE	9800	04/23	43	16.1	34.9	27.4
INDIAN CANYON	9100	04/24	20	7.2	18.3	10.9
JOHNSON VALLEY	8850	04/24	0	0.0	0.0	4.6
KILFOIL CREEK	7300	04/23	16	5.6	14.9	10.7
KIMBERLY MINE (UPPER)	9300	04/23	38	13.4	20.0	17.4
KING'S CABIN (UPPER)	8730	04/24	13	4.0	7.7 15.7	7.0 15 8
KLONDIKE NARROWS	7400	04/23	20	11.6	14.5	21.6
KOLOB-CRYSTAL LAKEFORK BASIN	11100	04/23	43	15.0	28.8	22.4
LAKEFORK MOUNTAIN #1	10200	04/24	31	10.1	19.4	12.1
LAKEFORK MOUNTAIN #3	8400	04/24	0	0.0	3.6	2.0
LAMBS CANYON	7400	04/28	o	0.0	10.4	11.0
LASAL MOUNTAIN LOWER	8800	04/28	11	4.4	0.0	5.3
LASAL MOUNTAIN (UPP)	9850	04/28	44	17.6	17.0	14.4
LIGHTNING LAKE LILY LAKE LITTLE BEAR (LOWER)	10500	04/29	60	21.0	33.3	25.8
LILY LAKE	9050	04/23	16	5.6 0.0 0.0 0.0 0.0	18.5	14.2
LITTLE BEAR (LOWER)	6000	04/23	0	0.0	. 4	1.9
LITTLE BEAR (UPPER)	6550	04/23	0	0.0	1.1	5.6
LITTLE GRASSY CREEK	6100	04/23	O	0.0	0.0	0.1
LONG FLAT LONG VALLEY JCT.	8000	04/23	0	0.0	0.0	2.0
LONG VALLEY JCT.	7500	04/23	O	0.0	0.0	0.0
LOST CREEK RESERVOIR	6130	04/23	Ų	0.0 6.9	0.0	0.0
	8800	04/23	20	6.9	27.4	20.9
MERCHANT VALLEY (UF)	8750			2.7	15.7	4.0
MIDDLE BEAVER CREEK MIDDLE CANYON MIDWAY VALLEY MILL CREEK	8650		_	~ ^		4.0
MIDDLE CANYON	7000	04/30	0	0.0	4.1	24.1
MIDWAY VALLEY	9800	04723	43	18.4	20.3	20.6
MILL CREEK	6950	04729	20	0.0 18.4 8.6 0.0 9.8 7.5	14.6	15.4
MILL D SOUTH FORK MONTE CRISTO R.S.	7400	04/27	25	9.8	33.0	26.5
MUNIE CRISIU R.S.	070U	04/23	26	7.5	17.7	10.5
MOSBY MOUNTAIN(LOW) MT.BALDY R.S. MUD CREEK #2 OAK CREEK	9500	04/24	46	16-6	32.2	26.2
MIN COMEN #2	8600	04/24	ë	2.6	12.0	8.9
DAY CREEK #4	7760	04/23	9	2.6 2.8	12.5	9.5
OAK CREEK ONE MILE SUMMIT OTTER LAKE	7330				-	0.0
OTTER LAKE	9600	04/23	26	8.9	20.9	14.5
PANQUITCH LAKE	8200	04/23	0	0.0	0.0	1.3
PARADISE PARK	10100	04/24	35	0.0 12.0	23.8	15.2
PARLEY'S CANYON SUM.	7500	04/28	5	1.6 8.2	20.3	14.Z
PAYSON R.S.	8050	04/23	23	8.2	17.4	16.3
PANQUITCH LAKE PARADISE PARK PARLEY'S CANYON SUM. PAYSON R.S. PICKLE KEG SPRING PINE CANYON PINE CREEK	9600	04/24	25	9.4 2.6 8.7	12.7 19.4 19.2	15.8
PINE CANYON	8000	04/23	7	2.6	17.4	14.0
PINE CREEK	8800	04/23	23	8.7	25.4	17.0
REDDEN MINE LOWER	8500	04/23	10	714	15.9	15.9
RED PINE RIDGE	9200	04/24	20	7.6	8.4	11.0
REES'S FLAT	7300	04/23	1 37	0.1 12.2	21.6	18.0
REYNOLDS PARK	10400	04/29	0	0.0	2.6	1.4
ROCK CREEK	7900	04/24 04/30	34	14.1	31.9	30.0
ROCKY BASIN-SETTLEMT	8900 10000	04/24	38	15.3	25.6	19.0
SEELEY CREEK R.S.	8300	04/29	ō	0.0	3.4	11.7
SERGEANT LAKES SHINGLE MILL	6200	04/30	ŏ	0.0	0.0	3.3
SILVER LAKE (BRIGHT.)	8730	04/29	22	10.6	36.6	28.2
SMITH & MOREHOUSE	7600	04/23	1	.3	9.4	9.2
SNOWBIRD GAD VALLEY	9700	04/23	78	30.2	-	40.0
SOAPSTONE R.S.	7800	04/23	-	O.OE	0.0	7.2
SPIRIT LAKE	10300	04/24	43	16.4	19.0	15.9
SQUAW SPRINGS	5300	04/23	0	0.0	0.0	4.9

SNOW MEASUREMENT DATA (cont.)

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
STEEL CREEK PARK	10100	04/23	52	16.6	25.0	19.0
STILLWATER CAMP	8550	04/23	8	2.1	10.0	8.4
STRAWBERRY DIVIDE	8400	05/01	0	0.0	20.5	14.9
STUART R.S.	7950	04/24	0	0.0	0.0	2.3
SUSC RANCH	8200	04/28	0	0.0	0.0	2.7
TALL POLES	8800	04/28	18	4.9	8.0	12.7
THAYNES CANYON	9200				-	-
THISTLE FLAT	8500				-	17.5
TIMPANOGOS DIVIDE	8140	04/24	12	5.1	30.6	23.0
TONY GROVE LAKE	8400	04/23	26	9.1	53.2	35.8
TONY GROVE R.S.	6250	04/23	0	0.0	.2	3.8
TRIAL LAKE	9960	04/23	40	13.7		
TROUT CREEK	9400	04/24	18	5.1	12.6	10.1
UPPER JOES VALLEY	8900	04/24	1	0.1	5.5	6.6
VERNON CREEK	7500	04/30	-	O.OE	-	5.1
VIPONT	7670				-	8.0
WEBSTER FLAT	9200	24/23	24	9.7	9.7	16.3
WHITE RIVER #1	8550	04/24	6	1.3	13.3	
WHITE RIVER #3	7400	04/24	0	0.0	0.0	0.8
WIDTSOE-ESCALANTE #3	9500	04/23	37	12.0	6.6	10.5
WRIGLEY CREEK	9000	04/24	12	3.5	7.3	
YANKEE RESERVOIR	8700	04/23	15	5.0	1.4	7.3

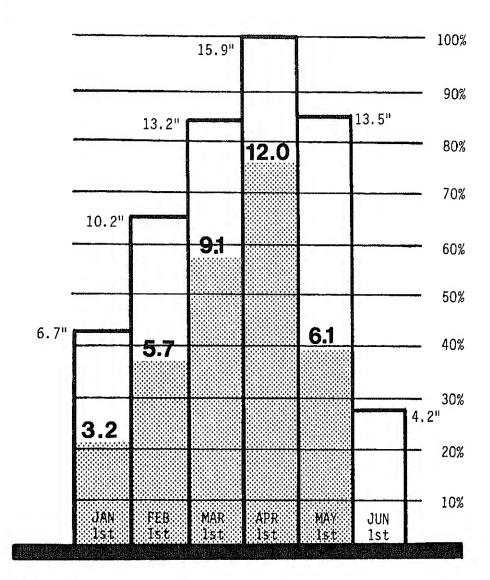


Utah Snowpack Progress

Soll Conservation Service

Salt Lake City, Utah 1987



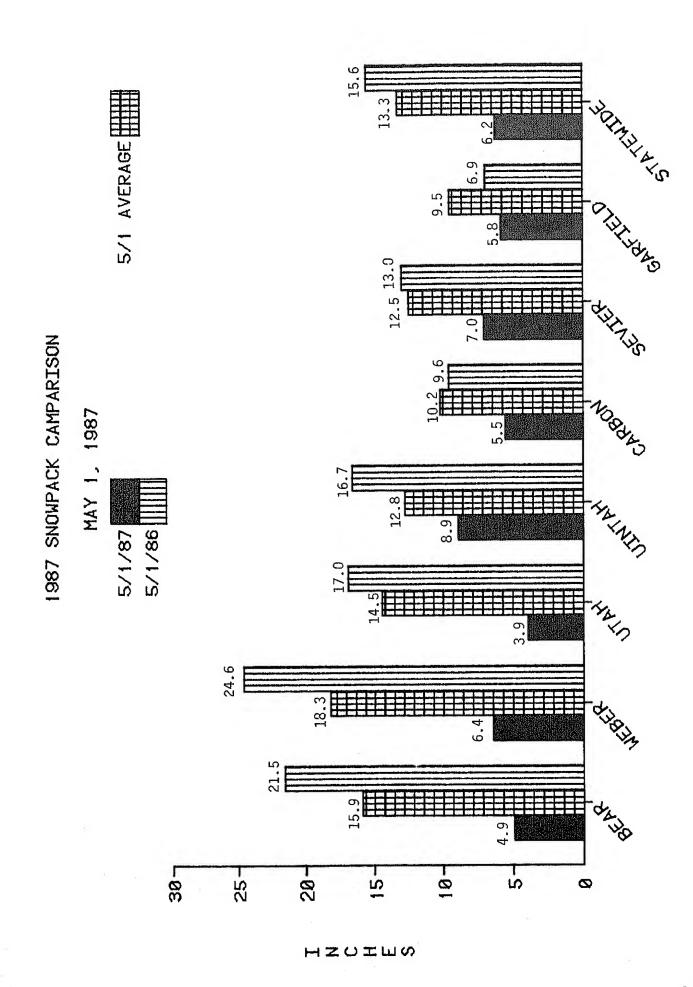


Statewide

NOTE:

Snow water equivalent in inches is compared to the highest seasonal amount (100%). Monthly averages are accumulated by basin/state.

Averages are for the period 1961-1985.



The Following Organizations Cooperate With The Soil Conservation Service In Snow Survey Work

State

Utah State University
Utah State Department of Natural Resources
Division of Wildlife Resources
Division of Water Resources
Division of Water Rights
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

Federal

- U.S. Department of Agriculture Soil Conservation Service Forest Service
- U.S. Department of Commerce NOAA, National Weather Service
- U.S. Department of Interior Bureau of Reclamation Geological Survey National Park Service

Municipality

Manti Salt Lake City

Public

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Central Utah Conservancy District
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association
Weber River Water Users Association
Weber Basin Conservancy District

Other organizations and individuals furnish information for the snow survey reports. Their cooperation is gratefully acknowledged.

All programs and services of U.S. Dept. of Agriculture are available to everyone without regard to race, creed, color, sex, age, handicap, or national origin.